

Section 1. Registration Information

Source Identification

Facility Name:	Wayne Farms LLC - Danville Fresh Plant
Parent Company #1 Name:	
Parent Company #2 Name:	

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	Revised PHA / Hazard Review due to process change (40 CFR 68.190(b)(5))
Description:	
Receipt Date:	12-Aug-2020
Postmark Date:	12-Aug-2020
Next Due Date:	12-Aug-2025
Completeness Check Date:	12-Aug-2020
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

Facility Identification

EPA Facility Identifier:	1000 0006 3138
Other EPA Systems Facility ID:	72833cntnn615MA
Facility Registry System ID:	

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	797613275
Parent Company #1 DUNS:	6982409
Parent Company #2 DUNS:	

Facility Location Address

Street 1:	2301 East 8th Street
Street 2:	
City:	Danville
State:	ARKANSAS
ZIP:	72833
ZIP4:	
County:	YELL

Facility Latitude and Longitude

Latitude (decimal):	35.056667
Longitude (decimal):	-093.370000
Lat/Long Method:	GPS - Unspecified
Lat/Long Description:	Center of Facility
Horizontal Accuracy Measure:	40
Horizontal Reference Datum Name:	North American Datum of 1983

Source Map Scale Number:

Owner or Operator

Operator Name:	Wayne Farms LLC
Operator Phone:	(770) 538-2120

Mailing Address

Operator Street 1:	4110 Continental Drive
Operator Street 2:	
Operator City:	Oakwood
Operator State:	GEORGIA
Operator ZIP:	30566
Operator ZIP4:	
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	Toby Tapp
RMP Title of Person or Position:	Complex Operations Manager
RMP E-mail Address:	toby.tapp@WayneFarms.com

Emergency Contact

Emergency Contact Name:	Anita Van Ravensway
Emergency Contact Title:	Compliance Manager
Emergency Contact Phone:	(479) 495-4453
Emergency Contact 24-Hour Phone:	(479) 495-9611
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	Anita.VanRavensway@WayneFarms.com

Other Points of Contact

Facility or Parent Company E-mail Address:	jonathan.green@WayneFarms.com
Facility Public Contact Phone:	(770) 297-3465
Facility or Parent Company WWW Homepage Address:	www.waynefarmslc.com

Local Emergency Planning Committee

LEPC:	Danville Fire Department
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Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	850
FTE Claimed as CBI:	

Covered By

OSHA PSM :	Yes
EPCRA 302 :	Yes

CAA Title V:

Air Operating Permit ID:

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency) 23-Jun-2020

Date:

Last Safety Inspection Performed By an External Agency: Hartford Insurance

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:

Preparer Phone:

Preparer Street 1:

Preparer Street 2:

Preparer City:

Preparer State:

Preparer ZIP:

Preparer ZIP4:

Preparer Foreign State:

Preparer Foreign Country:

Preparer Foreign ZIP:

Confidential Business Information (CBI)

CBI Claimed:

Substantiation Provided:

Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents:

See Section 6. Accident History below to determine if there were any accidents reported for this RMP.

Process Chemicals

Process ID:	1000111112
Description:	Ammonia Refrigeration
Process Chemical ID:	1000138794
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Quantity (lbs):	35630
CBI Claimed:	
Flammable/Toxic:	Toxic

Process NAICS

Process ID:	1000111112
Process NAICS ID:	1000112405
Program Level:	Program Level 3 process
NAICS Code:	311615
NAICS Description:	Poultry Processing

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000089525

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Release Duration (mins):	10
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	Yes
Sumps:	
Other Type:	Building Walls

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000095277

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	Yes
Sumps:	
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	
Emergency Shutdown:	Yes
Other Type:	

Section 4. Flammables: Worst Case

No records found.

Section 5. Flammables: Alternative Release

No records found.

Section 6. Accident History

No records found.

Section 7. Program Level 3

Description

Ammonia refrigeration system for poultry processing facility

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000118259
Chemical Name:	Ammonia (anhydrous)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7

Process ID:	1000111112
Description:	Ammonia Refrigeration
Prevention Program Level 3 ID:	1000094720
NAICS Code:	311615

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	11-Aug-2020
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Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	11-Aug-2020
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The Technique Used

What If:	
Checklist:	
What If/Checklist:	Yes
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	01-Sep-2020

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	Yes

Earthquake:
Floods (Flood Plain):
Tornado: Yes
Hurricanes:
Other Major Hazard Identified:

Process Controls in Use

Vents: Yes
Relief Valves: Yes
Check Valves: Yes
Scrubbers:
Flares:
Manual Shutoffs: Yes
Automatic Shutoffs: Yes
Interlocks: Yes
Alarms and Procedures: Yes
Keyed Bypass:
Emergency Air Supply:
Emergency Power:
Backup Pump:
Grounding Equipment: Yes
Inhibitor Addition:
Rupture Disks:
Excess Flow Device:
Quench System:
Purge System: Yes
None:
Other Process Control in Use:

Mitigation Systems in Use

Sprinkler System:
Dikes:
Fire Walls: Yes
Blast Walls:
Deluge System:
Water Curtain:
Enclosure: Yes
Neutralization: Yes
None:
Other Mitigation System in Use:

Monitoring/Detection Systems in Use

Process Area Detectors:
Perimeter Monitors:
None:
Other Monitoring/Detection System in Use: Engine Room Detectors

Changes Since Last PHA Update

Reduction in Chemical Inventory:
Increase in Chemical Inventory: Yes
Change Process Parameters:

Installation of Process Controls:	Yes
Installation of Process Detection Systems:	Yes
Installation of Perimeter Monitoring Systems:	Yes
Installation of Mitigation Systems:	
None Recommended:	
None:	
Other Changes Since Last PHA or PHA Update:	

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	04-Aug-2020
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Training

Training Revision Date (The date of the most recent review or revision of training programs):	01-Aug-2020
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The Type of Training Provided

Classroom:	Yes
On the Job:	Yes
Other Training:	IC Training

The Type of Competency Testing Used

Written Tests:	
Oral Tests:	Yes
Demonstration:	Yes
Observation:	Yes
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	04-Aug-2020
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Equipment Inspection Date (The date of the most recent equipment inspection or test):	12-Aug-2020
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Equipment Tested (Equipment most recently inspected or tested):	Daily Refrigeration Equipment Inspection
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Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	01-Aug-2020
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Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	01-Aug-2020
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Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review): 24-Jun-2020

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit): 07-Dec-2019

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit): 01-Sep-2020

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)): 28-Sep-2019

Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation): 28-Sep-2019

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans): 01-Aug-2020

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures): 27-Jan-2020

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures): 03-Jan-2020

Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance): 12-Aug-2020

Confidential Business Information

CBI Claimed:

Section 8. Program Level 2

No records found.

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?): Yes

Facility Plan (Does facility have its own written emergency response plan?): Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?): Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?): Yes

Healthcare (Does facility's ER plan include information on emergency health care?): Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan): 24-Mar-2020

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees): 06-Jan-2020

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated): Danville Fire Department

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated): (479) 495-2800

Subject to

OSHA Regulations at 29 CFR 1910.38: Yes

OSHA Regulations at 29 CFR 1910.120: Yes

Clean Water Regulations at 40 CFR 112: Yes

RCRA Regulations at CFR 264, 265, and 279.52:

OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:

State EPCRA Rules or Laws: Yes

Other (Specify):

Executive Summary

RMP Executive Summary

Wayne Farms LLC A¿ Danville Fresh Processing Plant

I. ACCIDENTAL RELEASE PREVENTION AND EMERGENCY RESPONSE POLICIES:

The Wayne Farms LLC Danville Fresh Processing Plant is fully committed to the safety and protection of company employees, the general public and the environment. This commitment is demonstrated by continual compliance with the elements of OSHA¿s Process Safety Management standard and EPA¿s Risk Management Program requirements. Wayne Farms¿ employees implement appropriate controls to prevent possible releases of regulated chemicals. If a release were to occur, the systems and personnel are in place to respond accordingly, to successfully control and mitigate the effects of the release. The management of this facility routinely communicates with the Danville Fire Department for coordinated emergency response measures.

II. THE STATIONARY SOURCE AND REGULATED SUSTANCES HANDLED: The refrigeration system at the Wayne Farms LLC Danville Fresh Processing Plant is the stationary source of anhydrous ammonia, which is used in non-contact cooling and freezing processes.

III. THE WORST-CASE RELEASE AND ALTERNATIVE RELEASE SCENARIOS

These release scenarios are kept on file at the facility, and may be available for review upon approved request.

IV. THE GENERAL ACCIDENTAL RELEASE PREVENTION PROGRAM AND CHEMICAL-SPECIFIC PREVENTION STEPS:

The Wayne Farms LLC Danville Fresh Processing Plant maintains compliance with the requirements of OSHA¿s Process Safety Management standard, and EPA¿s Risk Management Program regulations. The following procedural items provide assurances in preventing accidental releases:

A. Process safety information A¿ detailed records of safety information, which describe chemical hazards, operating parameters and equipment designs associated with all associated operations are maintained at the facility.

B. Process hazard analysis A¿ personnel with engineering and processing expertise conduct comprehensive studies to ensure hazards associated with the system operations are identified and controlled effectively. Identified concerns are addressed in a timely manner. These studies are validated every five years, at minimum.

C. Operating procedures A¿ written operating procedures have been documented to ensure safe process operations. These procedures address: (1) initial start-up, (2) normal operations, (3) temporary operations, (4) emergency shutdown, (5) emergency operations, (6) normal shutdown and (7) start-up after a planned shutdown.

D. Training A¿ training is provided to ensure employees are competent in the operating procedures associated with their jobs.

E. Mechanical Training A¿ equipment maintenance checks are conducted and documented to ensure normal, safe operations. Whole-system inspections are routinely performed. Plant maintenance is performed as needed to provide continual assurances of safety and compliance.

F. Management of Change A¿ Written procedures are in place to manage changes in process chemicals, technology, equipment and procedures. Equipment operators, maintenance personnel or other employees whose jobs are affected by plant modifications are notified and trained.

G. Pre start-up reviews A¿ Safety reviews of new processes and modifications of established processes are conducted to confirm that construction, equipment, operating and maintenance procedures are suitable for safe start-up prior to placing equipment into operation.

H. Compliance audits A¿ Risk Management and Process Safety Management program audits are conducted every three years to provide assurances of compliance. Corrective actions are scheduled to remedy any listed concerns.

I. Incident investigation practices A¿ All releases, and relative incidents associated with prospective or actual releases, are investigated to determine: (1) root cause of the incident; (2) all impacts to employees, the public at large and the environment; (3) methods and procedures to prevent a recurrence. Incident investigation reports are recorded on file for five years.

J. Employee participation A¿ Wayne Farms encourages active participation from its employees, to communicate their views and concerns with regard to Risk Management issues.

K. Contractors A¿ outside contractors are required to provide assurances of competency and safe practices. These companies are evaluated for potential hazards associated with their work and emergency response procedures to follow in case of an accidental release of a regulated substance.

V. FIVE YEAR ACCIDENT HISTORY:

During the past five years, the Wayne Farms LLC Danville Fresh Processing Plant has not experienced a reportable release of anhydrous ammonia.

VI. EMERGENCY RESPONSE PLAN:

A written emergency response plan details the response steps to a release of hazardous materials. This plan includes first aid and medical treatment procedures, evacuations, notification of federal, state and local emergency agencies and emergency responders. All emergency response equipment is regularly inspected and serviced to ensure proper operation.

VII. PLANNED CHANGES TO IMPROVE SAFETY:

Wayne Farms LLC continually strives to find ways to improve the safety of ammonia refrigeration system through employee training, codes and standards updates, and other recommended good engineering practices and recommendations.